

K-1066-J UF₆ Cylinder Storage Yard

The K-1066-J cylinder storage yard is located in the north portion of the East Tennessee Technology Park, ~500 ft north of the K-25 Building. The yard is located in the same area as K-1066-F and K-1066-L Yards. There is no fencing, however, it is posted as a Fixed Contamination Area, and TLD's are required. The extreme eastern portion of this yard is posted as a Soil Contamination Area. J Yard is a Nuclear Facility, Category 2. Postings designate the yard location and entry and notification requirements.

This yard is considered inadequate for double stacking full cylinders. This area was converted to a cylinder storage yard in 1979 (estimated) and consists primarily of compacted gravel, with a small area paved with asphalt. The yard was formerly used to store normal feed assay material (48-inch cylinders) as well as smaller (30-, 12-, 8-, and 5-inch diameter) empty and heel quantity cylinders. Currently there are six empty cylinders located on the extreme east end of the yard, four 48-inch and two 30-inch. The yard contains surplus wooden saddles scheduled for disposal in FY 2001. Plans are to upgrade J yard in FY 2001 using compacted gravel for receiving up to 1500 former K yard cylinders in FY 2001 and FY 2002.

The site is relatively level and has a mean elevation of about 758 ft ASL. The yard drains toward the northeast and directly into Poplar Creek. Poplar Creek runs along the northern side of the yard and, at its closest point, is located ~60 ft from the yard. The yard is normally entered from the site access road running along its southern side. A lighted security patrol road encircles the yard on the northern and eastern sides. The ORR boundary lies ~6100 ft to the north at the closest point.

At present, all full and heel quantity cylinders have been removed from J Yard. K-1066-J Yard contains ST-5 boxes and approximately 2500 legacy surplus wooden saddles. The yard is in poor condition with surface damage resulting from past cylinder movements.

Power lines are located on the south side of J Yard.



Aerial and elevation views taken from the west side of K-1066-J Yard.